

# Converting Colors

Decimal(16371097)

Have a look what the booklet for  
Decimal(16371097) contains.

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# **Color**

**Decimal(16371097)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | F9CD99                     |
| RGB           | 249, 205, 153              |
| RGB Percent   | 98%, 80%, 60%              |
| CMY           | 0.0235, 0.1961, 0.4000     |
| CMYK          | 0.00, 0.18, 0.39, 0.02     |
| HSL           | 33°, 89%, 79%              |
| HSV           | 33°, 39%, 98%              |
| XYZ           | 66.6480, 66.1023, 39.3833  |
| YIQ           | 212.2280, 42.9160, -6.8440 |

# Conversions

## Conversions Part 2

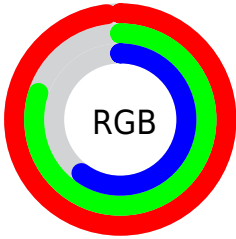
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">234, 249, 153</a>                                 |
| Decimal                             | <a href="#">16371097</a>                                      |
| CIELab                              | <a href="#">85.05, 8.65, 31.72</a>                            |
| CIELCh                              | <a href="#">85, 32.881, 74.741</a>                            |
| Yxy                                 | <a href="#">66.1023, 0.3872, 0.3840</a>                       |
| Android<br>(android.graphics.Color) | <a href="#">4294561177</a><br>( <a href="#">0xFFFF9CD99</a> ) |
| YUV                                 | <a href="#">212.2280, -29.1994, 32.2490</a>                   |
| Hunter-Lab                          | <a href="#">81.3033, 4.0437, 28.1923</a>                      |

# Details

The Decimal color **16371097** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10077689**, and the grayscale version is **13948116**.

A 20% lighter version of the original color is **16777168**, and **12556133** is the 20% darker color. If you saturate the color by 10%, you get **16368256**, and if you desaturate by 10%, it is **16373938**.

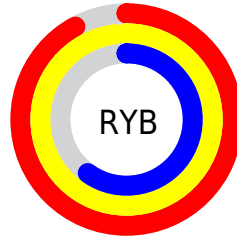
# Distribution



Red (98%)

Green (80%)

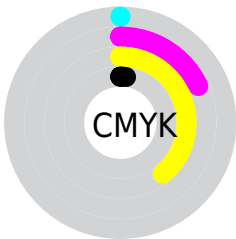
Blue (60%)



Red (92%)

Yellow (98%)

Blue (60%)

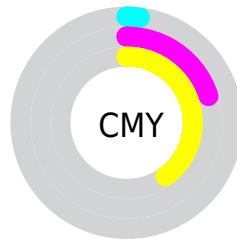


Cyan (0%)

Magenta (18%)

Yellow (39%)

Black (2%)



Cyan (2%)

Magenta (20%)














Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16371097 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 16371097 by changing the saturation by 10% instead.



|  |   |
|--|---|
|  16371097 |  16371097  |
| 16777215   |  14463615  |
|  16777168 |  12556133  |
|  16777196 |  10714445  |
|  |  8873013   |
|  |  7162911   |
|  |  5387783   |
|  |  3809280  |
|  |  2165504 |
|  |  0       |

16371097

16371097

16368256

16373938

16365159

16377035

16362318

16379876

16359221

16382973

16356381

16383999

16353540

16353024

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16761770



16371097



14407576

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16371097



7988963



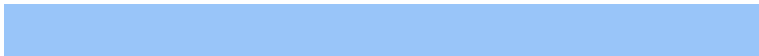
15517695

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16371097



10077689

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



12833535



16371097



7922687

# Square

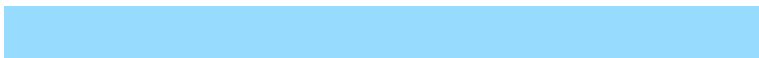
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16371097



9823683



9952511



16760806

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16371097



12901793



9952511



14666751

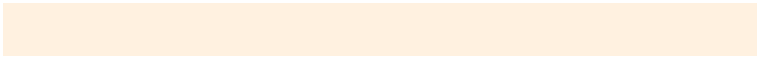


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16371097



16773600



16357830



8419182



0



8421504



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16371097



16763274



16185753



8222576



12412416

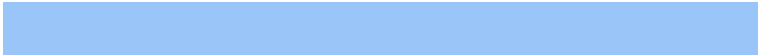


4006144

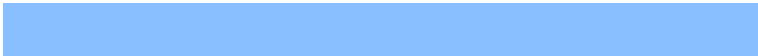


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



10077689



9093119



10263033



7370365



22205



7229



# Previews

## White Background



This preview shows how the Decimal color 16371097 looks on a white background.

## Color Contrast Check

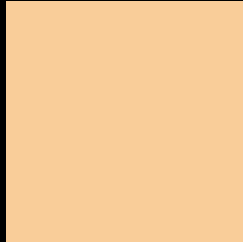
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 16371097 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

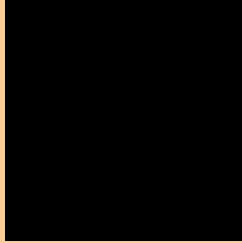
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16371097 Background



This preview shows how black text looks on a background with the Decimal color 16371097.



This preview shows how white text looks on a background with the Decimal color 16371097.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
16762324

# Trichromacy



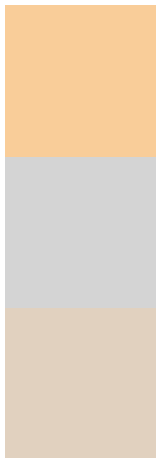
**Original Color**  
16371097

**Protanomaly**  
15520155

**Deuteranomaly**  
16501913

**Tritanomaly**  
16631999

# Monochromacy



**Original Color**  
16371097

**Achromatopsia**  
13948116

**Achromatomaly**  
14799295

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16371097 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F9CD99 looks like.

```
.text, #text, p{  
    color:#F9CD99  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F9CD99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9CD99
}
```

## Border

The CSS property to change the border of an element to Decimal 16371097 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F9CD99 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F9CD99 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F9CD99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9CD99; -webkit-box-shadow:4px 4px  
4px 4px #F9CD99; box-shadow:4px 4px 4px  
4px #F9CD99 }
```

# Background

The CSS property to change the background color of an element to Decimal 16371097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9CD99 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F9CD99 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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